Research Office for Administration, Development and Support (ROADS)
Funding Opportunities Bulletin

October 12, 2018

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Please contact Susan Gordon, Research Information Specialist, at gordosc@mcmaster.ca or extension 23138 if you would like to subscribe/unsubscribe to the Funding Opportunities Bulletin mailing list or if you would like assistance searching for funding opportunities. Recent issues of the Bulletin may also be found on our website at [http://roads.mcmaster.ca/bulletin](http://roads.mcmaster.ca/bulletin).

Join Community of Science (COS) Pivot: an up-to-date database of funding opportunities from around the world, create your Pivot account at [https://pivot.cos.com/session/login_help](https://pivot.cos.com/session/login_help).


• **AGE-WELL Network, Core Research Program (CRP) 2020-2025: Request for Proposals – Application deadline January 4, 2019**

• **Canada Foundation for Innovation (CFI): Research Facilities Navigator – online profile, no deadline**

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**Previously announced:**

• **Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants (PDG) – Notify ROADS of Intent to Apply as soon as possible, SSHRC Application deadline November 15, 2018**

• **Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants COLLABORATIVE HOUSING RESEARCH NETWORK INITIATIVE – Notify ROADS of Intent to Apply as soon as possible; SSHRC Application deadline November 15, 2018**


• **Weston Brain Institute: Grants – Webinars October 16, 2018; Letters of Intent deadline December 3, 2018**

• **Social Sciences and Humanities Research Council (SSHRC): Research Grants and Partnerships – Upcoming Webinars – October 17 to November 8, 2018**

• **Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants – Notify ROADS of Intent to Apply October 17, 2018; SSHRC Application deadline December 17, 2018**

• **Ontario Centres of Excellence (OCE): 5G (ENCQOR) Technology Development Program – Expression of Interest deadline October 23, 2018**

• **Marine Environmental Observation, Prediction and Response Network (MEOPAR) in partnership with Ocean Networks Canada (ONC), Call for Proposals: Early Career Faculty Grants – Application deadline October 29, 2018**

• **Simons Foundation: Grants – Application deadlines October 31, 2018 – January 31, 2019**

• **Canada Council for the Arts, Digital Strategy Fund - Digital Literacy and Intelligence – Application deadline October 31, 2018**

• **Cystic Fibrosis Canada: 2018 Targeted Research Competition – Application deadline October 31, 2018**
• **Escher Fund for Autism: Investigation of F2 neurodevelopmental outcomes of F0 pregnancy or F1 neonatal general anesthesia – Expression of Interest deadline October 31, 2018**

• **Canadian Orthopaedic Foundation: J. Edouard Samson Award – Application deadline October 31, 2018**

• **Canadian Orthopaedic Foundation: Canadian Orthopaedic Research Legacy (CORN) - Grant – Application deadline October 31, 2018**

• **Louisville Institute: Grants – Application deadlines November 1, 2018, January 15, 2019**

• **Alex’s Lemonade Stand Foundation: Grants – Letter of Intent and Application deadlines November 1 and December 17, 2018**

• **Partnership For Clean Competition: Research Grants, Pre-Application deadline November 1, 2018; Micro-Grants – no application deadline**

• **Spencer (Spencer Foundation): Small Research Grants and The New Civics – Application deadline November 1, 2018**

• **Wenner-Gren Foundation: Post-Ph.D. Research Grants – Application deadline November 1, 2018**

• **Compute Canada: Resource Allocation Competitions – Application deadline November 8, 2018**

• **BrightFocus Foundation: Standard Grants – Application deadline November 9, 2018**

• **Alzheimer Society, 2019 Alzheimer Society Research Program Competition: Grants – Application deadline November 9, 2018**

• **Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP) – LOI deadlines November 14, 2018**

• **Bill & Melinda Gates Foundation: Grand Challenges Explorations Round 22 – Application deadline November 14, 2018**

• **Fulbright Canada: Awards for Canadian Scholars – Application deadlines November 15, 2018**

• **Canadian Hemophilia Society (CHS), Research Programs: Grants – Application deadline November 15, 2018**

• **Genome Canada: Genomic Applications Partnership Program (GAPP), Round 14 – Round 14, Draft Expression of Interest due to Ontario Genomics November 19, 2018**

• **Canadian Blood Services: Awards (Grants) – Application deadline November 30, 2018**

• **Prostate Cancer Canada and the Movember Foundation: Discovery Grants – Registration deadline November 30, 2018; Application deadline January 17, 2019**
Québec Consortium for Drug Discovery (CQDM): Quantum Leap – Application deadline November 30, 2018

WestGrid: Visualize This! Challenge – Final Solution/Application deadline November 30, 2018


CIHR, NSERC, SSHRC and the Canada Foundation for Innovation, Invitation for Feedback: Prioritizing Future Challenges for Canada – no deadline

ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding – Notify ROADS of Intent to Apply ASAP

Weston Brain Institute, Big Ideas: Canada – Letter of Intent accepted on a rolling basis

Institute for Catastrophic Loss Reduction (ICLR): Quick Response Program – Applications are accepted at all times

Shastri Indo-Canadian Institute: Grants – Applications are open submissions

Weston Brain Institute, Early Phase Clinical Trials: Canada – Letter of Intent is accepted on a rolling basis.

Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call – Applications are accepted on a rolling basis.

Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences – Letters of Intent are accepted on a rolling basis.

MIRA AND LCMA Matching Funds for Research Opportunities – Rolling

Wabash Center: Project Grants – Application deadline: Small – Rolling, Large: February 15, 2019

Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership
In this Issue:

Ontario Genomics, Agricultural Adaptation Council and Genome Canada, Ag/Agri-Food Funding Program: Ontario Regional Priorities Partnership Program (ON-RP3)

The objective of the ON-RP3 Program is to:

1) support co-led industry-academic, proof-of-concept stage projects within Ontario’s agriculture and agri-food sector;
2) address industry-identified challenges and/or opportunities;
3) develop industry-academic partnerships that a) drive the adoption of genomics-derived technologies, tools and processes, and b) demonstrate the readiness of genomics solutions with a clear plan for implementation within 2 years or less of project completion;
4) achieve the benefits of genomic discoveries by bridging the gap between applied research and implementation.

Review Strategic Priorities at http://www.ontariogenomics.ca/funding-opportunities/open-competitions/2018-ontario-regional-priorities-partnership-program/

Informational Webinar
October 12, 2018; 10:30am

Value:
between $375,000 – $500,000; smaller projects of at least $150,000 will also be considered if well justified
funding duration: 1 – 3 years, beginning no earlier than July 1, 2019 and ending no later than June 30, 2022

co-funding: 1/3 of the total project budget must be obtained from eligible sources including the Industry Lead

A minimum of 1/6 of the total project budget must be in the form of cash obtained from the Industry Lead.

Application process:
The Ontario Genomics registration deadline for the eligibility screening stage is November 12, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Gambling Research Exchange Ontario (GREO), Call for Applications: BET (Build, Engage, Translate)

The GREO has recently announced the following BET funding opportunities:

1. BET: Community Initiatives, the objective: to support non-profit organizations focused on community wellbeing
Funds may be used to:

a) assess a community need;
b) run or scale-up a pilot project;
c) create educational tools;
d) develop an intervention;
e) implement and multi-stage community project;
f) mobilize existing products or interventions.


Value:
$15,000 and $40,000

Application process:
The GREO notice of intent to apply/registration deadline October 15, 2018. The application deadline is November 15, 2018.

2. **BET: System Impact**, the objective: to support community and government health agencies

Funds may be used to:

a) develop partnerships to improve population health and wellbeing;
b) create messaging around gambling harm in relation to mental health and substance misuse outcomes;
c) inform and support changes in local policy or legislation;
d) support regulatory measures to minimize gambling harm from local casino activity;
e) engage vulnerable groups.


Value:
BET: System Impact *Springboard Funding*: applications for funding less than $15,000
BET: System Impact *Support Funding*: applications for funding more than $15,000

Projects begin January 1, 2019 and must be completed no later than December 31, 2019.

Application process:
The GREO notice of intent to apply/registration deadline October 15, 2018. The application deadline is November 15, 2018.

3. **BET: Student Capacity**, the objective: to support post-secondary students partnered with a community organization

Funds can be used to:
a) offer students a 16-week paid experiential learning opportunity within a community organization;
b) create and pilot a knowledge translation product designed to reduce harm from gambling within the community organization's target population.


Value:
The Student Capacity grant will cover the cost of the student’s salary.
$20.00 / hour at 35 hours / week at 16 weeks, $11,200

There is a possibility of up to an additional 20% of funding to cover organizational costs related to student supervision.

Placements will begin January 7, 2019 and will end on April 29, 2019.

Application process:
The GREO application deadline is November 15, 2018.

ROADS contact:
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439

Government of Ontario, Ontario Centres of Excellence (OCE), Ontario Ministry of Economic Development, Job Creation and Trade (MEDJCT), and the Ontario-Jiangsu Industrial Research and Development Program (OJIRDP): Ontario-Jiangsu Industrial Research and Development Program (OJIRDP) Round 3

The objective of the OJIRDP is to 1) foster opportunities for international industry-academic research and development collaborations that have an impact in both Ontario and in the Jiangsu province of China, 2) support projects leading to commercial success and economic benefits for both jurisdictions.

Priority Fields
The current call for proposals will accept project applications focusing on the following technology sectors:


b) Life Sciences: Agrobiotech, Bioinformatics, Biologicals, Diagnostics, Healthcare IT, Industrial, Medical Devices, Telemedicine and Therapeutics.

http://www.oce-ontario.org/programs/industry-academic-collaboration/ontario-jiangsu-industrial-research-and-development-program-(ojirdp)/how-it-works
**Information Session**
via teleconference (Skype for Business) on **October 25, 2018** at 11:00am - 12:00pm

Topics:
- Program Overview
- Eligibility Criteria
- How Funding Works
- Evaluation Criteria
- Application Process

If time permits, there will be a brief Q&A at the end of each session.

Register at:
https://events.r20.constantcontact.com/register/eventReg?oeidk=a07efq4g24r61a40dd6&oseq=&c=f57772c0-7be9-11e4-8af4-d4ae529a8250&ch=f6a71920-7be9-11e4-8b83-d4ae529a8250

**Value:**
The OCE will support up to 50% of the total eligible direct research costs to a maximum $125,000 CAD per project (for academic applicants), or $150,000 CAD per project (for company applicants) for the Ontario portion of the project.

The JSTD will support up to 50% of the total eligible direct research costs to a maximum ¥1 million RMB per project for the Jiangsu portion of the project.

Contributions by the OCE and the JSTD must be matched at least 1:1 in cash and/or in-kind by applicants/partners in Ontario and Jiangsu, respectively.

Letters of support from each organization providing cash and/or in-kind contributions must be included along with the application, confirming both the amount of matching funding and the intended use of the contributions.

Project terms must be between 1 and 3 years and are non-renewable.

**Application process:**
The OCE expression of interest deadline is **November 13, 2018**.

**Contact:**
The McMaster Industry Liaison Office (MILO)
Natural Sciences and Engineering: Ryan Vieira, Research Contracts Advisor, at vieirara@mcmaster.ca or (905) 525-9140 extension 22649
Health Sciences: Bertha Monrose, Research Contracts Advisor, at monrose@mcmaster.ca or extension 22416
Social Sciences, Humanities, Business: Suzanne Ferenczi, Research Contracts Advisor, at ferenczs@mcmaster.ca or extension 20299

**Juvenile Diabetes Research Foundation (JDRF): Innovative Grants**
The objective of the **Innovation Grant** is to 1) support highly innovative research with significant potential to accelerate the mission of JDRF, 2) address key outstanding questions, and 3) fund projects that have the potential to lead to a change in the current paradigm or conventional wisdom, and/or lead to a ground-breaking discovery.
review [https://www.jdrf.org/about/](https://www.jdrf.org/about/) and **Research Priority Areas** at [http://grantcenter.jdrf.org/information-for-applicants/research-priority-areas/](http://grantcenter.jdrf.org/information-for-applicants/research-priority-areas/)

Preliminary data is not required, however, the underlying premise, goal, or hypothesis must be plausible and testable.

The grant is not intended to support proposals aiming to incrementally advance existing hypotheses, ongoing areas of research, or proposals with the sole goal of generating novel reagents or resources.


**Value:**
maximum $110,000 for 1 year (indirect costs can not exceed 10% of direct costs)

**Application process:**
The Juvenile Diabetes Research Foundation application deadline is **October 31, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at [viscarvl@mcmaster.ca](mailto:viscarvl@mcmaster.ca) or extension 24519

### Ontario Ministry of Training, Colleges and Universities and Ontario/Baden-Württemberg (OBW): Ontario Faculty, 2019-2020 OBW Faculty Research Exchange

The objective of the **Faculty Research Exchange** is to 1) support research visits to universities in the German state of Baden-Württemberg by faculty members at participating Ontario universities, 2) promote new collaborative research partnerships, and 3) strengthen existing partnerships. Applications proposing new partnerships are particularly welcome.

While the grant holder’s primary concentration must be on the proposed research project, the Program requires each participant undertake a limited commitment in the area of teaching and/or research-dissemination. This may involve, for example, a public lecture, guest lectures during scheduled classes, a “block seminar,” etc.

The present competition is for grants to support research stays between May 1, 2019 and April 30, 2020.

[http://obw.ouinternational.ca/ontario-faculty](http://obw.ouinternational.ca/ontario-faculty)

**Value:**
a monthly stipend of $1,750 to support her/his living costs in the host country for a minimum of 1 month and a maximum of 6 months at the host university

The grants are not intended to support research expenses.

Participants are responsible for their own accommodation, for their own insurance coverage (health, third-party liability, etc.), immigration and residency requirements, implications for income tax reporting in Canada, and so on.
**Application process:**
The OBW application deadline is **October 31, 2018**.

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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**Bank of Canada: Awards (Grants)**

The Bank of Canada has recently announced the following funding opportunities:

1. **Governor’s Award**, the objective: to support academics who are recognized for their expertise and research in areas important to the Bank’s core functions
   review the four **main areas of responsibility** at [https://www.bankofcanada.ca/core-functions/](https://www.bankofcanada.ca/core-functions/)

   The selection criteria used to assess eligible nominations includes:

   a) excellence and innovation in the nominee’s work as indicated by publications of refereed and other articles, as well as citations and references (i.e., commentaries/critiques), other research outputs, awards, recognition by peers;
   b) the letter of support by the university;
   c) applicability to Bank of Canada policy development and/or research as indicated in a match of the nominee’s written work and research plan with Bank plans and priorities, and as expressed in the nomination materials;
   d) potential to continue to achieve recognition as a leader in the specified fields as indicated by consistent, high-quality work in publications and presentations;
   e) potential to contribute to the education and development of new researchers.

   Recipients are expected to collaborate periodically with Bank research staff by, for example, co-authoring papers, conducting seminars, commenting on research papers or proposals, etc.

   [https://www.bankofcanada.ca/research/fellowship-program/governors-award/](https://www.bankofcanada.ca/research/fellowship-program/governors-award/)

   **Value:**
   (research grant) $30,000 per year for a maximum term of 2 years

   **Application process:**
The Bank of Canada nomination deadline is **November 9, 2018**.

2. **Fellowship Award**, the objective: to support academics who are recognized for their expertise and research in areas important to the Bank’s core functions
   review the four **main areas of responsibility** at [https://www.bankofcanada.ca/core-functions/](https://www.bankofcanada.ca/core-functions/)

   Fellowship Award nominees are required to:

   a) be Canadian citizens, permanent residents of Canada, or be otherwise legally permitted to work in Canada;
   b) conduct and support research in Canada (nominations where the preponderance of the research is in Canada could also be considered);
   c) have obtained a PhD;
d) be employed by a Canadian university in a tenure or tenure-track position during the term of the Fellowship Award.

[https://www.bankofcanada.ca/research/fellowship-program/fellowship-award/](https://www.bankofcanada.ca/research/fellowship-program/fellowship-award/)

**Value:**
- (research grant) $50,000 per year for a maximum 5 years;
- a research expense allowance $40,000 per year (for related research expenses and for research assistants);
- $5,000 for the university for administration of the award funds.

**Application process:**
The Bank of Canada nomination deadline is **November 9, 2018**.

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at [pellegrc@mcmaster.ca](mailto:pellegrc@mcmaster.ca) or extension 27207

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**Burroughs Wellcome Fund: Preterm Birth Initiative**

The objective of the **Preterm Birth Initiative** is to 1) increase the understanding of the biological mechanisms underlying parturition and spontaneous preterm birth, 2) stimulate both creative individual scientists and multi-investigator teams to approach the problem of preterm birth using creative, basic and translation science methods.

Encouraged to apply:
a) reproductive scientists and investigators who are involved in other areas;
b) postdoctoral fellows nearing their transition to independent investigator status through senior established investigators.

**Focus:**
- molecular and computational approaches (e.g., genetics/genomics, immunology, microbiology, evolutionary biology, mathematics, engineering, and other basic sciences) independently or in conjunction with more traditional areas of parturition research (e.g., maternal fetal medicine, obstetrics, and pediatrics)

[https://www.bwfund.org/grant-programs/reproductive-sciences/preterm-birth-initiative](https://www.bwfund.org/grant-programs/reproductive-sciences/preterm-birth-initiative)

**Value:**
$125,000 per year over 4 years

**Application process:**
The Burroughs Wellcome Fund application deadline is **December 4, 2018**.

**ROADS contact:**
Miky (Mihaela) Dumitrescu, Senior Advisor, at [dumitrm@mcmaster.ca](mailto:dumitrm@mcmaster.ca) or extension 21548
Cancer Research Society: Operating Grants

The objective of the Operating Grant is to support fundamental, early translational, and environment-cancer research on all types of cancer to contribute to the advancement of science aimed at preventing, detecting and treating this disease.

https://www.societederecherchesurlecancer.ca/en/researchers/operating-grants

Value:
$60,000 per year for 2 years

Application process:

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Imperial Oil: University Research Awards Program

The objective of the University Research Awards Program is to 1) encourage research at Canadian universities in areas of interest to Imperial Oil's petroleum, petrochemical, and energy resource development businesses, 2) support research in the fields of engineering, environmental, earth, chemical, and physical sciences. review Areas of Interest at https://www.imperialoil.ca/en-ca/company/innovation-and-research/university-research-awards/university-research-awards

Awards for specific research projects are provided to full-time faculty members to support research work carried out by university students under their direction.

Applicants are reminded that University policy requires research proposals be approved by the applicant’s Department Chair, Faculty Dean, and by the McMaster Industry Liaison Office (MILO), prior to submission to Imperial Oil.

Accordingly, applicants are asked to provide MILO with a copy of their proposal and MILO Sponsored Project Checklist, both signed by their Chair and Dean, by December 10, 2018, in order to allow MILO sufficient time to review/approve the proposal and, if necessary, provide comments.

announcement site, University Research Grants: https://www.imperialoil.ca/en-ca/company/innovation-and-research

Value:
ranging from $10,000 - $25,000 for 1 year and may be renewed annually for a maximum tenure of 3 years
The project budget must include overhead at 25%.

Application process:
To MILO, the proposal and signed MILO Sponsored Project Checklist deadline December 10, 2018. The Imperial Oil application deadline is December 15, 2018.
AGE-WELL Network, Core Research Program (CRP) 2020-2025: Request for Proposals

AGE-WELL has announced a major, new funding opportunity for researchers based at Canadian institutions and working in the field of technology and aging; the Core Research Program.

AGE-WELL will provide significant funding to projects that:

a) are driven by real-world problems and challenge areas;
b) address specific areas of interest to AGE-WELL and its partners and stakeholders, review Research Themes & Projects at https://agewell-nce.ca/research/research-themes-and-projects;
c) focus on innovative technology-based solutions to support older adults and caregivers;
d) are user-centred, involving end-users and stakeholders in all stages of the research;
e) deliver not only the technology but the practice, policy and service delivery models that are needed for the solution to be effective;
f) use a transdisciplinary approach;
g) have the potential to lead to economic and social impact
h) help AGE-WELL to achieve its mission.

Successful applications will be included as part of AGE-WELL’s renewal application for funding through 2020-2025.

https://agewell-nce.ca/crp2020

Value:
maximum $200,000 per year for a minimum 3 - 5 years
Successful applications will also receive a one-year Catalyst Grant, starting April 1, 2019, for selected projects to continue to develop plans.

Application process:
The AGE-WELL application deadline is January 4, 2019.

ROADS contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Canada Foundation for Innovation (CFI): Research Facilities Navigator

The objective of the Research Facilities Navigator is to provide a searchable, online directory of research facilities in universities, colleges and hospitals across Canada, that are open to working with business.

This past Summer, the CFI responded to interest expressed from institutions to list facilities with cutting-edge equipment, that is not CFI-funded, in the Research Facilities Navigator.

The CFI now invites research facilities to post a free online profile in the Navigator.

https://navigator.innovation.ca/en

Previously Announced:

Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants (PDG)

The objective of the Partnership Development Grant is to provide support to new or existing formal partnerships to:

1) develop research and/or related activities, knowledge mobilization, and the meaningful involvement of students/emerging scholars in the social sciences and humanities, by fostering new partnerships with existing and/or potential partners; or

2) design and test new partnership approaches for research and/or related activities that may result in best practices/models that either can be adapted by others, or have the potential to be scaled up to a regional, national, or international level.

Partnerships may be between academic institutions, or between one or more academic institutions and one or more non-academic partner organizations. review Eligibility at http://www.sshrc-crsh.gc.ca/funding-financement/programs-programmes/partnership_development_grants-subventions_partenariat_developpement-eng.aspx

Proposals may involve any disciplines, thematic areas, approaches, or subject areas eligible for SSHRC funding. review Subject Matter Eligibility at http://www.sshrc-crsh.gc.ca/funding-financement/apply-demande/background-renseignements/selecting_agency-choisir_organisme_subventionnaire-eng.aspx

Value:
$75,000 to $200,000 over 1 - 3 years
Application process:
The initial draft of the Application is due to ROADS by **October 16, 2018**. The final draft and signed Application Approval Form are due to ROADS by **November 8, 2018**.

The SSHRC application deadline is **November 15, 2018**.

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

**Social Sciences and Humanities Research Council (SSHRC): Partnership Development Grants COLLABORATIVE HOUSING RESEARCH NETWORK INITIATIVE**


**SSHRC and Canada Mortgage and Housing Corporation (CMHC) Joint Initiative**

A new SSHRC/CMHC joint initiative is now available for *PDG* applicants.

SSHRC and CMHC are partnering to fund research related to housing in order to help set the stage for the creation of a **Collaborative Housing Research Network**. Research projects undertaken by teams composed of academics, as well as non-academics, will focus on 5 priority areas that were determined by CMHC:

1. Housing for those in greatest need;
2. Community Housing Sustainability;
3. Northern Housing;
4. Sustainable Housing and Communities;
5. Balanced Supply of Housing

The first stage of this two-stage competition will be through the Partnership Development Grants competition. Successful applicants will be invited to submit a proposal at the second stage.

The PDGs and subsequent Stage 2 Partnership Grants will form the network, which will fund research to support housing policy development and future housing program development. These housing research grants ultimately strive to address the needs of the communities identified through a public consultation in 2016.

**Value:**
$80,000 for 1 year

**Application process:**
Notify ROADS of intent to apply by **August 30, 2018**.

The initial draft of the application is due to ROADS by **October 16, 2018**. The final draft and signed application approval form are due to ROADS by **November 8, 2018**.
The SSHRC application deadline is **November 15, 2018**.

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

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The *New Scientific Collaboration Support Program* provides financing for new scientific projects jointly developed by French and Canadian teams. The program aims to accomplish the following objectives:

1) support developing new expert partnerships/new collaborations between France and Canada (only projects involving collaboration between researchers who have never worked together will be taken into consideration);
2) promote the advancement of research and innovation;
3) prepare and structure scientific cooperation between the two countries;
4) promote researcher mobility particularly for young researchers; and
5) provide research training for young researchers.

Proposals are evaluated on the following criteria:

a) innovative nature of the proposed project (quality, relevance);
b) contribution to the advancement of knowledge (project impact);
c) quality of the project presented by researchers and team members (publications, credits, other types of prior recognition)
d) proposed execution of research (methodology, calendar, budget);
e) significance and contributions of the binational collaboration (complimentarily and balance between teams);
f) participation of young researchers and/or Master’s/doctoral students (contributions, benefits).

**https://francecanadaculture.org/the-call-for-applications-for-the-2019-new-collaborations-programs-is-open/**

The FCRF program has limited the number of applications that may be submitted by McMaster to five.

**Value:**
from $8,000 - $15,000 over 2 years
The award is primarily intended to support the mobility of the researchers and their students.

**Application process:**
Notify ROADS of intent to apply by **October 15, 2018**. Applications submitted by **November 16, 2018** will undergo an internal review process and only those selected will be forwarded to the FCRF by December 17, 2018 for further consideration by a national, joint Canada-France committee.

**ROADS contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
Weston Brain Institute: Grants

The Weston Brain Institute has recently announced the following funding opportunities:

1. **Rapid Response: Canada 2019**, the objective: to support Alzheimer’s and related diseases:
   . frontotemporal dementia
   . mild cognitive impairment
   . vascular contributions and prodromes (to the above), and to provide seed funding for novel, high-risk, high-reward translational research projects.

All projects must meet two conditions to be eligible:

   . projects must be translational research that helps accelerate the development of therapeutics for neurodegenerative diseases of aging;
   . projects must involve the development of a therapeutic and/or tool.

Preliminary data is not required.


announcement website: [http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)

**Webinar**
The Institute will hold a *Program Information Webinar* to provide further details and answer questions. **October 16, 2018** at 1:00- 2:00pm (EDT) Register at [https://register.gotowebinar.com/register/3935836402623915011](https://register.gotowebinar.com/register/3935836402623915011)

**Value:**
maximum $200,000 over a maximum 18 months

**Application process:**
The Weston Brain Institute letter of intent deadline is **December 3, 2018**.

2. **Transformational Research: Canada 2019**, the objective: to support Alzheimer’s and related diseases:
   . frontotemporal dementia
   . mild cognitive impairment
   . vascular contributions and prodromes (to the above), and to support transformative, novel, high-risk, high-reward translational research projects with excellent preliminary data.

All projects must meet the following conditions to be eligible:

   . be translational research (excluding clinical trials and clinical trial sub-studies) that accelerates the development of therapeutics for neurodegenerative diseases of aging;
   . be the development of a therapeutic and/or tool and/or complementary approaches.


announcement website: [http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/](http://westonbraininstitute.ca/funding-opportunities/open-and-upcoming-programs/)
Webinar
The Institute will hold a **Program Information Webinar** to provide further details and answer questions. October 16, 2018 at 1:00 – 2:00pm (EDT)
Register at [https://register.gotowebinar.com/register/3935836402623915011](https://register.gotowebinar.com/register/3935836402623915011)

**Value:**
maximum $1,500,000 over a maximum 3 years

**Application process:**
The Weston Brain Institute letter of intent deadline is **December 3, 2018**.

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at vscarvl@mcmaster.ca or extension 24519

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**Social Sciences and Humanities Research Council (SSHRC) SSHRC Research Grants and Partnerships – Upcoming Webinars**

SSHRC will be holding a series of webinars for applicants and research administrators on upcoming competitions. The webinars are held via Adobe Connect at the following times:

<table>
<thead>
<tr>
<th>Webinar</th>
<th>Date</th>
<th>Adobe Connect Link</th>
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<tbody>
<tr>
<td>Partnership Grants – Stage 1</td>
<td><strong>Wednesday, October 17, 2018</strong>, 12:00–14:00 ET</td>
<td><a href="https://sshrc-crsh.adobeconnect.com/r61rc3supl9r/">https://sshrc-crsh.adobeconnect.com/r61rc3supl9r/</a></td>
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<tr>
<td>Partnership Grants – Stage 1</td>
<td><strong>Thursday, October 18, 2018</strong>, 12:00–14:00 ET</td>
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<tr>
<td>Connection Grants</td>
<td><strong>Wednesday, November 7, 2018</strong>, 13:00–15:00 ET</td>
<td><a href="https://sshrc-crsh.adobeconnect.com/rjt5jakgfqaf/">https://sshrc-crsh.adobeconnect.com/rjt5jakgfqaf/</a></td>
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**Please note:** that you do not need to register in advance and a question and answer period will follow the presentation. With Adobe Connect, questions must be submitted in writing.

**To join via Adobe Connect:**
- Click on the Adobe Connect webinar link on the date and time specified.
- Enter your name, and press “Enter Room”.
- Adjust the volume on your computer.

**First time attending an Adobe Connect meeting?**
- [Test your connection](https://register.gotowebinar.com/register/3935836402623915011)
For more information about a specific funding opportunity, please contact Christina Pellegrini, ROADS, at ext. 27207 or pellegrc@mcmaster.ca

For questions, please contact SSHRC at the relevant email address for the funding opportunity: http://www.sshrc-crsh.gc.ca/contact_us-contactez_nous/index-eng.aspx

Social Sciences and Humanities Research Council (SSHRC): Partnership Engage Grants

The Partnership Engage Grant will 1) respond to the objectives of the SSHRC Insight and the Connection programs, and 2) provide short-term and timely support for partnered research activities, that will inform decision-making at a single partner organization from the public, private or not-for-profit sector. The small-scale, stakeholder-driven partnerships are also meant to respond to immediate needs and time constraints facing organizations in non-academic sectors.


Note, the Partnership Engage Grant cannot respond exclusively to the objectives of the Connection program.

Partnership Engage Grant proposals may involve any disciplines, thematic areas, approaches or subject areas eligible for SSHRC funding.


SSHRC welcomes applications involving Aboriginal research, as well as those involving research-creation.


Value:
$7,000 - $25,000 over 1 year

Application process:
Notify ROADS of intent to apply by October 17, 2018.

The initial draft of the Application and Letters of Support are due to ROADS by November 26, 2018. The final draft and a completed and signed Application Approval Form are due to ROADS by December 10, 2018.

The SSHRC application deadline is December 17, 2018.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207
Ontario Centres of Excellence (OCE): 5G (ENCQOR) Technology Development Program

The OCE has recently announced intake is now open for the 5G (ENCQOR) (Evolution of Networked Services through a Corridor in Québec and Ontario for Research and Innovation) Technology Development program in Ontario.

Launched earlier this year, ENCQOR establishes the first Canadian pre-commercial corridor of 5G wireless communication technologies - the key to accelerating the transition to game-changing 5G technology, related job creation and economic growth.

There are two streams within the 5G (ENCQOR) Technology Development program:

1. The 5G (ENCQOR) Academic Technology Development Program (5G ADP) partners researchers at Ontario-based, post-secondary institutions with ENCQOR Anchor Firms on 5G technology development projects. Researchers are eligible to lead applications in the 5G ADP. review Anchor Firms at https://ontario.encqor.ca/partners/

Areas of research interest are defined by Challenge Statements submitted to OCE by the ENCQOR Anchor Firms, and posted to the OCE website on a rolling basis.

The 5G (ENCQOR) 5G ADP supports collaborative technology development projects to develop, integrate, test or validate pre-commercial technologies for the iPaaS (Innovation Platform as a Service) testbed.

http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-academic-technology-development-program

2. The 5G (ENCQOR) SME Technology Development Program (5G SDP) partners Ontario-based, Small- and Medium-Sized Enterprises (SMEs) with ENCQOR Anchor Firms on 5G technology development projects. review Anchor Firms at https://ontario.encqor.ca/partners/

Areas of technology interest are defined in Challenge Statements submitted to OCE by the ENCQOR Anchor Firms, and posted on a rolling basis.

The 5G (ENCQOR) 5G SDP supports collaborative technology development projects to develop, integrate, test or validate pre-commercial technologies for the iPaaS testbed.

For the 5G SDP stream, applicants may select to apply for funding to support an intern as part of their project through OCE's TalentEdge program. For additional information regarding OCE's TalentEdge Program and Intern Eligibility, review the program guidelines at http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-talentedge-internships.

To be notified of 5G (ENCQOR) Academic or SME Technology Development Program Challenge Statements as they launch, please sign up for the ENCQOR Ontario mailing list at https://visitor.r20.constantcontact.com/manage/optin?v=001rUTbhoxAZrfsdJ5wZiuvtAH14hOsBNI1Ul7UWhHyP7Fnjb8lkgygFc_X9iZ-h68Zy3CnH4VlEikVBfFx-m4upNBX7LV0NPx3g2XTm8JuTocd2RdnbnbSd40lQQ4bV5ur6tcFO1XYImCrEZqoOUiptaLzJflUU0x
Some Challenge Statements have been posted and you can find them online at http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-technology-development-program-challenge-statements.

http://oce-ontario.org/programs/advanced-technology-platforms/encqor/5g-(encqor)-sme-technology-development-program

**Application process:**
The OCE expression of interest deadline is **October 23, 2018**.

**Contact:**
Ryan Vieira, Research Contracts Advisor (Science and Engineering), McMaster University, McMaster Industry Liaison Office (MILO) at vieirara@mcmaster.ca or extension 22649

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**Marine Environmental Observation, Prediction and Response Network (MEOPAR) in partnership with Ocean Networks Canada (ONC), Call for Proposals: Early Career Faculty Grants**

MEOPAR is a national network of academic researchers and students, government scientists, and partners in the private, not-for-profit, and community sectors working together to:

1) reduce vulnerability and strengthen opportunity in the marine and coastal environments;

2) develop and apply knowledge-based approaches to better anticipate and respond to the risk of the changing marine environment; and

3) enable Canadian leadership in MEOPR, in close coordination with partners, to deliver knowledge, technology, technique and highly-qualified personnel to enhance resilience, and optimize economic opportunity for Canada.

The objective of the **Early Career Faculty Grant** is to support faculty investigators (who received their first faculty appointment in the last five years) to contribute to and participate in MEOPAR’s broad interdisciplinary, multi-institutional research effort.

MEOPAR’s research plan is organized in to two themes, **Theme 1: Environmental Change, Theme 2: Human Activity**, and is focused on providing research solutions to four Canadian socio-economic challenges:

a) the data coordination gap in ocean observation;
b) predictive capacity and environmental forecasts, particularly in the Arctic, in support of the Year of Polar Prediction;
c) knowledge-based and forecasting solutions to increase coastal community resilience;
d) technology and data solutions that minimize risk and maximize efficiency of marine industry operations, with emphasis on coastal and northern shipping.

http://meopar.ca/research/early-career-faculty-call-for-proposals/
Value:
maximum $100,000 over 2 years (projects begin April 2019)

Application process:
The MEOPAR application deadline is October 29, 2018.

ROADS contact:
Praem Mehta, Research Project Coordinator, at mehtap5@mcmaster.ca or extension 20896

Simons Foundation: Grants

The Simons Foundation has recently announced the following funding opportunities:

1. Simons Symposia, the objective: to bring together mathematicians, theoretical physicists and theoretical computer scientists to interact and collaborate in a series of three symposia, held every second year, and focusing on one topic or a tightly connected group of topics.

   In some areas, a tight focus on a new research development or a specific research problem would be appropriate; in others, a symposium might help set an agenda for the field. An individual symposium series consists of up to three weeklong meetings. Symposia start date, Winter/Spring 2020.

   https://www.simonsfoundation.org/grant/simons-symposia-program/

   Value:
The Foundation will issue invitations upon the recommendation of the organizers, make travel arrangements for all symposium participants, and provide support at the conference site. All expenses including travel, lodging and meals will be paid by the Foundation.

   Application process:
The application deadline is October 31, 2018.

2. Targeted Grants in Mathematics and Physical Sciences (MPS), the objective: to support high-risk theoretical mathematics, physics and computer science projects of exceptional promise and scientific importance, on a case-by-case basis.

   https://www.simonsfoundation.org/grant/targeted-grants-in-mps/

   Value:
There is no recommended or assumed funding level for this program. The funding level and duration (to a maximum 5 years) is flexible and should be appropriate based on the type of support requested in the proposal.
Application process:
The letter of intent is accepted on a rolling basis.

announcement site: https://www.simonsfoundation.org/funding-opportunities

Life Sciences

1. **2019 Simons Early Career Investigator in Marine Microbial Ecology and Evolution Awards**, the objective: to help launch the careers of outstanding investigators in the field of marine microbial ecology and evolution, who will advance our understanding through experiments, modeling or theory.

Projects focusing on the microbiomes of invertebrates or vertebrates, or on paleontological records will not be considered this year.

Investigators with backgrounds in different fields are encouraged to apply.

Value:
$180,000 US per year (including indirect costs limited to 20% of modified total direct costs), for 3 years
Appropriate expenses include salary support for the investigator and postdoctoral and graduate research assistants, travel, equipment, supplies and other research expenses.

Application process:
The letter of intent deadline is **November 6, 2018**.

announcement site: https://www.simonsfoundation.org/funding-opportunities

ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

Canada Council for the Arts, Digital Strategy Fund - Digital Literacy and Intelligence

The objective of the **Digital Literacy and Intelligence** component is to support the arts sector (i.e., Canadian artists, groups and arts organizations) in building digital knowledge, skills, and capacity to:

1) respond more effectively to the challenges, issues and opportunities of the digital era;
2) develop and broaden their strategic digital thinking;
3) strengthen their ability to translate that thinking into sustainable, concrete actions.

The component funds both small-scale activities with short timelines, and longer-term complex initiatives.
Eligible activities include but are not limited to, initiatives that:

. **Build** strategic digital knowledge and capacity in identifying and understanding the challenges, issues, and opportunities of the digital environment.
Examples: group training on strategic issues; workshops; webinars; hackathons; digital strategic plans

. **Gather and connect** with people within or beyond the arts sector to discuss these challenges, issues, and opportunities in order to foster collaboration and networking.
Examples: organizing symposia; forums; conferences

. **Research and experiment** with digital technologies and innovative approaches to problem solving, in order to build strategic digital knowledge and capacity.
Examples: design thinking activities; coaching approaches; conducting studies and strategic foresight


**Value and deadlines:**

Grants range from $1,000 to $500,000.

. $1,000–$250,000 for a **Single-phase initiative**  (review Resources for guidelines, Application and Budget Form at https://canadacouncil.ca/funding/strategic-funds/digital-strategy-fund/digital-literacy-and-intelligence)

. maximum grant request $50,000 **any time** before the start date of the researcher’s initiative

. requests of $50,001 - $250,000; The Canada Council for the Arts application deadline **October 31, 2018**

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

**Cystic Fibrosis Canada: 2018 Targeted Research Competition**

The objective of the **Targeted Research Competition** is to support research focused on the following two priority areas, and knowledge gaps within these areas:

1. Screening, monitoring, and management of cystic fibrosis-related diabetes (CFRD) with the goal of reducing the burden of care.
   **Areas of focus:**  a) Development of more efficient and patient-friendly screening tools; b) Development or adaptation of new, less invasive therapies to treat CFRD.

2. Gastrointestinal symptomatology
   **Areas of focus:**  a) Development of a validated tool to reliably quantify gastrointestinal pain and symptoms; b) Address the etiology of gastrointestinal pain and symptoms, including the validation of biomarkers of gut health or gastrointestinal quality of life

https://www.cysticfibrosis.ca/about-cf

To receive the detailed announcement and proposal online instructions, contact the ROADS Senior Advisor listed below.
Value:
maximum $100,000 per year for 2 years

Application process:
The Cystic Fibrosis Canada application deadline is October 31, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 2451

Escher Fund for Autism: Investigation of F2 neurodevelopmental outcomes of F0 pregnancy or F1 neonatal general anesthesia

The objective of this request for proposals (RFP) is to examine family histories and provide an answer to:

“Can an agent of general anesthesia affect early germline programming, leading to nongenetic inheritance of neurodevelopmental impairments?”

Family histories, consider these cases:

1. Mother has two daughters with idiopathic autism. She had been in utero when her mother had surgery following appendicitis.
2. Father has a son with idiopathic autism. He had been in utero when his mother underwent surgery to fix a problem with the placenta.
3. Mother has three children with idiopathic autism. She was in utero when her mother had surgery following an accident.
4. Mother has two boys with idiopathic autism. She had been born with a spinal tumor and hernia, and had undergone two surgeries in infancy.
5. Mother has one son with idiopathic autism. She had been born with a cleft palate (presumably had early surgery, or series of surgeries, though details are unknown).
6. Mother has two sons with idiopathic autism. She had been born with a heart defect (presumably had early surgery, or series of surgeries, though details are unknown).
7. Father has three children with idiopathic autism. He had been born with a significant birth defect affecting his foot (presumably had early surgery, or series of surgeries, though details are unknown).

This RFP is intended to help explicitly address a gap in research by prompting a pilot study in a human cohort, or an animal model (human study is preferable).


Value:
$25,000
Application process:
The Escher Fund for Autism expression of interest deadline is October 31, 2018

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Canadian Orthopaedic Foundation: J. Edouard Samson Award

The premier award for orthopaedic research in Canada, the J. Edouard Samson Award, recognizes the best career orthopaedic research. This award is intended to promote further research by the recipient. The recipient will present his/her research at the Annual General Meeting of the Canadian Orthopaedic Association (presentation opportunity to be determined). The award consists of an educational grant and a personal research grant to be used by the recipient at the Canadian institution where he/she currently resides.

https://whenithurtstomove.org/grants-and-research/j-edouard-samson-award/

Value:
up to $30,000 for up to 5 years.

Application Process:
Apply to the above funding opportunity by October 31, 2018.

ROADS Contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

Canadian Orthopaedic Foundation: Canadian Orthopaedic Research Legacy (CORL) – Grant

The CORL program was founded in 2006 to help ensure the legacy of Canada's world-class status in orthopaedic research; thereby ensuring orthopaedic patients reap the reward of new techniques and treatments made possible through research grants from this program.

https://whenithurtstomove.org/grants-and-research/canadian-orthopaedic-research-legacy-grant/

Value:
up to $20,000 for up to 1 year

Application Process:
Apply to the above funding opportunity by October 31, 2018.

ROADS Contact:
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548
Louisville Institute – Grants

The Louisville Institute has recently announced the following funding opportunities:

1. **Sabbatical Grant for Researchers**, the objective: to enable academics and religious leaders the ability to conduct a major study that can contribute to the validity of Christianity in North America, that 1) addresses Christian faith and life, 2) the practice of ministry, and/or 3) adaptive challenges confronting religious institutions.

   https://louisville-institute.org/programs-grants-and-fellowships/grants/sabbatical-grant-for-researchers/

   **Value:**
   maximum $40,000 for a maximum of one year.

   **Application process:**
   The Louisville Institute application deadline is **November 1, 2018**.

2. **First Book Grant for Minority Scholars**, the objective: to assist junior, non-tenured, religion scholars of colour to complete a major research project on an issue in North American Christianity, related to the priorities of the Louisville Institute (i.e., *to enrich the religious lives of Americans*).


   **Value:**
   maximum of $40,000 for a maximum of one year.

   **Application process:**
   The Louisville Institute application deadline is **January 15, 2019**.

   **Announcement Website:** https://louisville-institute.org/programs-grants-and-fellowships/grants/

   **ROADS contact:**
   Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Alex’s Lemonade Stand Foundation: Grants

The Alex’s Lemonade Stand Foundation has recently announced the following funding opportunities:

1. **Innovation Grant**, the objective: to provide critical and significant seed funding for experienced investigators with a novel and promising approach to finding causes and cures for childhood cancers. Proposals should have clinical translation in view.

announcement site:  https://www.alexslimonade.org/grants/program-areas/accelerator-programs#program-143

Value: maximum $250,000 over 2 years

Application process: The Alex’s Lemonade Stand Foundation letter of intent deadline is November 1, 2018.

2. **Young Investigator Grants**, the objective: to support scientists during their fellowship training or early in their research careers. Demonstration of outstanding mentorship, and demonstration of a career plan that shows commitment to pediatric cancer investigation, are critical components of a successful application.


announcement site:  https://www.alexslimonade.org/researchers-reviewers/applicants

Value: maximum $150,000 over 3 years

Application process: The Foundation’s application deadline is December 17, 2018.

3. **Epidemiology Grants**, the objective: to support investigators to pursue research studies in human populations, using epidemiological approaches, in order to significantly contribute to the understanding of childhood cancers. Hypothesis-driven research may focus on risk factors, early detection, prevention, effectiveness and treatment outcomes.


announcement site:  https://www.alexslimonade.org/researchers-reviewers/applicants

Value: $100,000 per year for 2 years

Application process: The Foundation’s application deadline is December 17, 2018.

ROADS contact: Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

**Partnership for Clean Competition (PCC): Research Grants and Micro-Grants**

The PCC supports research that contributes to a movement in addressing doping’s root causes and ultimately decreasing the use of performance-enhancing drugs by all participants, in all sports, at all levels of play.

The PCC has recently announced the following funding opportunities:

1. **Research Grants**, the objective: to support projects advancing knowledge in the anti-doping sphere.
review Research Priorities at http://www.cleancompetition.org/about/research-priorities/
http://www.cleancompetition.org/programs/grants-program/

Value:
$10,000 - $400,000 (the average funding amount is $225,000)
The duration of the project is determined by the applicant. A Pilot Project receives funding for 1 year.

Application Process:
The PCC pre-application deadline is November 1, 2018

2. Micro-Grants, the objective: to fund high quality projects which fill immediate gaps in anti-doping knowledge.
http://www.cleancompetition.org/programs/micro-grants-program/

Value:
for projects requiring less than $75,000 and fewer than 6 months to complete

Application process:
The PCC accepts Micro-Grant requests year-round.

Announcement website: http://www.cleancompetition.org/

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Spencer (Spencer Foundation): Small Research Grants and The New Civics

Spencer has recently announced two funding opportunities:

1. Small Research Grants, the objective: to support academic work that will contribute to the improvement of education, broadly conceived.
Areas of Inquiry: The Relation between Education and Social Opportunity; Teaching, Learning and Instructional Resources; Organizational Learning in Schools, School Systems and Higher Education Systems; Purposes and Values of Education; Field-Initiated.

https://www.spencer.org/small-research-grants-program-statement

2. The New Civics, the objective: to support proposals that ask critical questions, specifically, how education can more effectively contribute to the civic development of young people. The New Civics has supported projects that 1) deepen our understanding of influences on civic action, 2) attend to social inequalities in civic education, and 3) show potential to shape future research and practice in these fields.

This area represents the broader Foundation belief that cultivating knowledge and new ideas about civic
education will ultimately improve students’ lives and enrich society. The designation “new” refers to an expanded understanding of civic education and its relationship to civic action.

http://www.spencer.org/new-civics-program-statement

Value:
Small Research Grants and The New Civics: $50,000 or less

Application process:
The Spencer application deadline is November 1, 2018.

ROADS contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Wenner-Gren Foundation: Post-Ph.D. Research Grants

The objective of the Post-Ph.D. Research Grant is to 1) support basic research in anthropology, 2) ensure the discipline continues to be a source of vibrant and significant work, 3) further our understanding of humanity's cultural and biological origins, development, and variation.

The Foundation supports research that demonstrates a clear link to anthropological theory and debates, and promises to make a solid contribution to advancing these ideas. There is no preference for any methodology, research location, or subfield. The Foundation particularly welcomes proposals that employ a comparative perspective, can generate innovative approaches or ideas, and/or integrate two or more subfields.

http://www.wennergren.org/programs/post-phd-research-grants

Value:
maximum $20,000 US
There is no time limit on the duration of the grant and funding may be requested to cover distinct research phases (e.g., two Summers) if this is part of the research design.

Application process:
The Wenner-Gren Foundation application deadline is November 1, 2018.

ROADS contact:
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439
Compute Canada: Resource Allocation Competitions

Compute Canada has invited researchers to apply to the annual Resource Allocation Competitions (RAC) to request storage and compute resources beyond what can be obtained via the Rapid Access Service. Review Rapid Access Service at https://www.computecanada.ca/research-portal/accessing-resources/rapid-access-service/

Researchers are able to apply to two RAC.

1. **Research Platforms and Portals (RPP)**, the objective: to enable communities to develop research projects that improve access to shared datasets, enhance existing online research tools and facilities, or advance national or international research collaborations. The RPP competition is focused solely on scientific gateways. [https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/rpp/](https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/rpp/)

2. **Resources for Research Groups (RRG)**, the objective: to enable faculty members, from all disciplines, and their sponsored users to access compute, storage, or cloud resources at a scale beyond that available from local institutional or provincial resources. [https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/rrg/](https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/rrg/)

**announcement site:** [https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/](https://www.computecanada.ca/research-portal/accessing-resources/resource-allocation-competitions/)

**Value:**
Compute Canada is not a funding agency.

**RPP:** Allocations (i.e., computing power and storage) may be awarded for a maximum 3 years.

**RRG:** Allocations are available for 1 year.

**Application process:**
The Compute Canada application deadline is **November 8, 2018**.

**ROADS contact:**
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

**BrightFocus Foundation: Standard Grants**

The BrightFocus Foundation has recently announced the following funding opportunity:

**National Glaucoma Research (NGR) Standard Award**, the objective: to provide significant funding for researchers who have already generated some amount of preliminary data, but are often required to demonstrate additional, significant progress before they can apply to governmental or industrial funding agencies.
review the *National Glaucoma Research Program* at https://www.brightfocus.org/research/national-glaucoma-research-program

**Value:**
maximum $200,000 over 2 years

**Application process:**
The BrightFocus Foundation application deadline is **November 9, 2018.**

Announcement Website: https://www.brightfocus.org/grants/types-grants

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

### Alzheimer Society, 2019 Alzheimer Society Research Program Competition: Grants

The Alzheimer Society recently announced the following funding opportunities:

1. **New Investigator Grant,** the objective: 1) to help launch the careers of outstanding researchers who are entering their first phase of an academic appointment, 2) to help the grantee establish his/her laboratory, and 3) to allow time for the researcher to generate enough preliminary data to support fully competitive research grant proposals in national and international funding competitions.

   Applicants must be within two years of their first academic appointment, and in a recognised Canadian institution at the application deadline date. Documentation must be provided from the institution to show the applicant has been appointed to a salaried position that will continue for the duration of the grant. review pages 12-13 at http://alzheimer.ca/sites/default/files/%5Bzaboutme%3Adirectory%5D/2019%20asrp%20guidelines%20en.pdf

   **Value:**
maximum $75,000 per year for a maximum 3 years

2. **Regular Research Grant,** the objective: to support challenging new directions in research into Alzheimer’s disease and other dementias.

   Principal investigators must hold a position at least equivalent to the rank of Assistant Professor. Adjunct professors at or above the level of Assistant Professor are eligible to apply. review pages 2-13 at http://alzheimer.ca/sites/default/files/%5Bzaboutme%3Adirectory%5D/2019%20asrp%20guidelines%20en.pdf

   **Value:**
maximum $75,000 per year for a maximum 2 years

Application deadline:
The Alzheimer Society application deadline is **November 9, 2018**.

ROADS contact:
Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**Department of Defense (DoD), Congressionally Directed Medical Research Programs: FY18 Duchenne Muscular Dystrophy Research Program (DMDRP)**

The Department of Defense has recently announced the following funding opportunity:

*Career Development Award*, the objective: to support early-career investigators in conducting impactful Duchenne research under the mentorship of an experienced muscular dystrophy researcher as an opportunity to obtain the funding, mentoring, and experience necessary for productive, independent careers at the forefront of Duchenne research. Applicants should also demonstrate that the proposed research has high potential to lead to or make breakthroughs in Duchenne.


Value:
up to $275,000 for up to 2 years.

Application Process:
The DoD letter of intent deadline is **November 14, 2018**. The application deadline is **December 5, 2018**.

Announcement Website: [http://cdmrp.army.mil/funding/dmdrp](http://cdmrp.army.mil/funding/dmdrp)

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**Bill & Melinda Gates Foundation: Grand Challenges Explorations Round 22**

The Gates Foundation is inviting proposals for the latest round of the *Grand Challenges Explorations* initiative. Applications on the following six topics will be accepted:

1. *Increasing Demand for Vaccination Services*
   review [https://gcgh.grandchallenges.org/challenge/increasing-demand-vaccination-services-round-22](https://gcgh.grandchallenges.org/challenge/increasing-demand-vaccination-services-round-22)

2. *New Approaches for Manufacturing Gut Microbial Biotherapeutics*

3. *Innovation for WASH in Urban Settings*
   review [https://gcgh.grandchallenges.org/challenge/innovation-wash-urban-settings-round-22](https://gcgh.grandchallenges.org/challenge/innovation-wash-urban-settings-round-22)

4. *New Approaches for Strategic Prioritization of Agricultural Development Policies*
5. **Tools and Technologies for Broad-Scale Pest and Disease Surveillance of Crop Plants in Low-Income Countries**


6. **Innovations Driving Programmatic Performance in Immunization: Service Experience and Data Use + Measurement**


No preliminary data is required.

Applicants can be at any experience level, in any discipline, and from any type of organization including colleges and universities, government laboratories, research institutions, non-profit organizations, and for-profit companies.

announcement site: [https://www.grandchallenges.org/announcement/grand-challenges-explorations-round-22-opened](https://www.grandchallenges.org/announcement/grand-challenges-explorations-round-22-opened)

**Value:**
Initial grants are $100,000 US and successful projects are eligible to receive follow-on funding to a maximum $1 million.

**Application process:**
The Bill & Melinda Gates Foundation application deadline is **November 14, 2018.**

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**Fulbright Canada: Awards for Canadian Scholars**

Fulbright Canada has recently announced the following Awards for Canadian Scholars:

1. **Canadian Traditional Scholar Awards**, the objective: to enable emerging and established scholars, post-doctoral researchers and experienced professionals to conduct research, teach, or undertake a combination of both activities for one semester or a full academic year at any university or research center of their choice in the United States. Fulbright Canada is particularly interested in encouraging research on contemporary issues relevant to Canada, the United States and the relationship between the two countries. Applicants should also clearly document the need to be in residence in Canada to carry out the project.


**Value:**
up to $12,500 for one semester, September 2019 or January 2020.
Application Process:
The Fulbright Canada application deadline is **November 15, 2018 at 5pm.**

2. **Canadian Visiting Research Chairs** are pre-arranged affiliations that allow scholars to conduct research/lecture on subjects important to that university. Partner universities are excited to welcome the Fulbright Visiting Chairs into campus life and encourage them to engage with students, faculty, and the broader community. Fulbright Visiting Research Chairs can guest lecture in university courses, mentor students, lecture in public venues, network, and promote their research, while representing the Fulbright program, and their home and host institutions.


**Value:**
up to $25,000 for one semester, September 2019 or January 2020.

Application Process:
The application deadline is **November 15, 2018.**

[http://www.fulbright.ca/programs/canadian-scholars.html](http://www.fulbright.ca/programs/canadian-scholars.html)

**ROADS Contact:**
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581

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**Canadian Hemophilia Society (CHS), Research Programs: Grants**

The CHS has recently announced the following funding opportunities:

1. **Dream of a Cure**, the objective: to support basic scientific research grants, and studentships, aimed at developing treatments for hemophilia A and B, von Willebrand disease, rare factor deficiencies, platelet function disorders (and platelet pathophysiology), other congenital and acquired bleeding disorders, and ultimately finding a cure.

[https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/](https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/)

**Dream of a Cure, the CHS Research Program and the 2019 Dream of a Cure Summer Studentships in Inherited Bleeding Disorders Research:** review [https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/](https://www.hemophilia.ca/chs-dream-of-a-cure-research-program/)

**Value:**
For Dream of a Cure, individual grants will be awarded to researchers, maximum $75,000 per year for 1 - 2 years, while support will be offered to interested Canadian medical or science students for a maximum stipend of $6,000 per student, for a maximum 4 months.

**Application process:**
The CHS application deadline is **November 15, 2018.**
2. The CHS/Pfizer Care until Cure Research Program, the objective: to allow Canadian investigators to conduct research on medical and psychosocial aspects of bleeding disorders, including outcome evaluation.

Grants are awarded for clinical research in fields relevant to improving the quality of life for persons with hemophilia, persons with von Willebrand disease or other inherited bleeding disorders, persons with related conditions such as HIV or hepatitis C, and carriers of an inherited bleeding disorder. Specific areas of interest have been identified, review https://www.hemophilia.ca/the-chspfizer-care-until-cure-research-program/.

Value:
$75,000 per year, per project, for a maximum $150,000 over 2 or 3 years

Application process:
The application deadline is November 15, 2018.

3. The CHS/Novo Nordisk Psychosocial Research Program, the objective: to engage professionals/graduate students from the allied health disciplines (i.e., Nursing, Physiotherapy and Social Work) in research activities addressed to 1) understanding the psychosocial impact of hemophilia and other inherited bleeding disorders, and 2) improving the quality of life of persons and families whose lives are affected by these disorders.

Collaboration with multidisciplinary care providers and/or between two or more hemophilia centres is accepted and encouraged. Inter-regional applications will be considered.

https://www.hemophilia.ca/the-chsnovo-nordisk-psychosocial-research-program/

Value:
The primary intent of this program is to offer one or two $20,000 research grants to a maximum $40,000 for 1 year. The major portion of each grant would be to cover the research time for the successful candidate(s), including the time for research assistants. A small amount can be devoted to project expenses.

Application process:
The letter of intent deadline is November 15, 2018.

ROADS contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Genome Canada: Genomic Applications Partnership Program (GAPP) - Round 14

The objectives of the GAPP are to:

1) accelerate the application of Canadian genomics-derived solutions from academia to real-world opportunities and challenges defined by industry, not-for-profit, and public sector Receptors;

2) channel Canada’s genomics capacity into sustainable innovations that benefit Canadians;

3) enhance the value of Canadian genomics technologies by de-risking and incentivizing follow-on investment from industry and other partners;
4) foster mutually beneficial collaboration and knowledge exchange between Canadian academia and technology Receptors.


Small or start-up companies may be considered as per the following guidelines, review https://www.genomecanada.ca/sites/default/files/pdf/en/gc-gappinvestmentstrategyandguidelines.pdf.

Small-scale proof-of-concept/validation/pilot projects through to large-scale projects will be accepted. Projects should not be in the discovery phase.


Value:
The total project size is $300,000 to $6 million.

Co-funding:
- 1/3 investment from Genome Canada;
- 1/3 provided by the Receptor partner (cash and/or in-kind); and
- 1/3 of other co-funding (non-Genome Canada).

The duration of GAPP projects should be a minimum of 1 year to a maximum of 3 years. Shorter or longer terms will be considered only if a strong rationale is provided.

Application Process:
There is a three-stage, gated application process for this program: 1) Registration and Expression of Interest (EOI), 2) EOI / Project Pitch (invited), 3) Supplementary Proposal (invited).

Deadlines:
Notify ROADS and Ontario Genomics, as soon as possible, your intent to apply to Round 14 competition. Submit your Draft EOI to ROADS for review by November 5, 2018. The Ontario Genomics draft EOI deadline is November 19, 2018.

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Canadian Blood Services: Awards (Grants)
The Canadian Blood Services recently announced the following funding opportunities:

1. BloodTechNet Award Program, the objective: to support the development of innovative educational projects that network the Transfusion, Cellular Therapy and Transplantation communities in Canada. These projects deliver educational tools and resources that support the development of skills, knowledge, and expertise of the health professionals in this network. The Applicant must be a health professional belonging to the transfusion,
cellular therapy and/or transplantation communities in Canada. The Program is targeted towards Medical Lab Technologists, Nurses, and Physicians.  

announcement site: https://blood.ca/en/research/funding-programs

**Value:**
maximum $50,000 for 1 year

**Application process:**
The Canadian Blood Services application deadline is **November 30, 2018.**

2. **Kenneth J. Fyke Award,** the objective: to support health services and policy research to promote the development of evidence-based Canadian practices and policies in blood transfusion, blood stem cell transplantation, organ and tissue transplantation for the benefit of Canadian patients. review funding priorities, page 1 at 
https://blood.ca/sites/default/files/Canadian_Blood_Services_Ken_Fyke_Award_2018_Guidelines.pdf

announcement site: https://blood.ca/en/research/funding-programs

**Value:**
maximum $100,000 for 1 year

**Application process:**
The application deadline is **November 30, 2018.**

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

**Prostate Cancer Canada and the Movember Foundation: Discovery Grants**

The objective of the **Discovery Grant** is to support novel and innovative prostate cancer research that will lead to new lines of investigation. The grant is designed to:

1) allow both junior and more established investigators to pursue new avenues of exploration;
2) allow applications from all areas of prostate cancer research;
3) fund applications that will have been evaluated by a rigorous peer-review process that assessed a) innovation, b) track record of investigator team, c) methodology and feasibility of the proposed work, and d) potential impact on prostate cancer.

The research project may address any of the broad areas of prostate cancer research including but not limited to biomedical, clinical, population health, and health services/economics.

http://www.prostatecancer.ca/Research/Current-Opportunities/Discovery-Grants
**Value:**
maximum $200,000 over a maximum 2 years

**Application process:**
The Prostate Cancer Canada registration deadline is **November 30, 2018.** The application deadline is **January 17, 2019.**

**ROADS contact:**
Miky (Mihaela) Dumitrescu, Senior Advisor, at dumitrm@mcmaster.ca or extension 21548

**Québec Consortium for Drug Discovery (CQDM): Quantum Leap**

The objective of the *Quantum Leap* funding opportunity is to:

1) support innovative, translational biopharmaceutical research projects;
2) enable technologies, innovative platforms and/or innovative therapies;
3) fund projects that a) focus on developing cutting-edge technologies with the potential to significantly advance the R&D activities of CQDM’s pharmaceutical members, and b) have potential to significantly improve, facilitate and/or accelerate the drug discovery process, and the development of safer and more effective drugs.

The technologies of interest can be at any stage of the drug development process, and involve a wide range of therapeutic indications.

Projects are associated with specific deliverables and must be ready for use by CQDM pharmaceutical members upon completion.


**Value:**
$500,000 - $1,200,000 over 1 – 3 years

**Application process:**
The CQDM application deadline is **November 30, 2018.**

**ROADS contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

**WestGrid: Visualize This! Challenge**

*Visualize This! Challenge* is a Canada-wide competition that aims to celebrate the innovative ways visualization can help researchers explore datasets, and answer important scientific questions.

*Visualize This!* provides an opportunity to challenge your creativity, experiment with new visualization tools,
and contribute to the growth of data visualization in Canada.

This year the challenge is comprised of two separate competitions:

1. scientific visualization challenge based on a **molecular dynamics simulation dataset**, and

2. humanities visualization challenge based on the *Orlando British Women’s Writing Dataset*. review 1. at https://westgrid.github.io/visualizeThis/menu/scientific.html, and 2. at https://westgrid.github.io/visualizeThis/menu/humanities.html

Both datasets will be made available on the competition webpage, and participants may download any time after October 1, 2018.

Submissions will be reviewed by members of the Compute Canada Visualization Team. Points will be given for:

a) interactive visualizations;
b) visualizing the 3D multi-scale nature of the data;
c) online presentation in a browser; and
d) clear innovative display of multiple variables.

Participants from all research fields are encouraged to enter.

announcement site: https://westgrid.github.io/visualizeThis/journal/welcome-to-challenge.html

**Value** (prizes):
- High-capacity external SSD drives
- free registration and subsidized travel to a WestGrid 2019 Research Computing Summer School
- your visualization showcased on the websites of Compute Canada, WestGrid, Compute Ontario, Calcul Québec, and ACENET
- opportunity to present to the research community at an upcoming Compute Canada/WestGrid event

**Application process:**
The WestGrid final solution/application deadline is **November 30, 2018**.

**ROADS contact:**
Scott Johnston, Senior Advisor, at johnssa6@mcmaster.ca or extension 24439

**Government of Canada, Innovation, Science and Economic Development Canada:**

**Accessible Technology Program**

The objective of the **Accessible Technology Program** is to address the need for more assertive technologies for persons with disabilities. 

**Value:**
maximum $22.3 million for a maximum of 5 years
Application process:

The Government of Canada application deadlines are:

- **January 2, 2019** to receive funding starting early 2019-20;
- **June 2, 2019** to receive funding starting late 2019-20;
- **January 2, 2020** to receive funding starting early 2020-21;
- **June 2, 2020** to receive funding starting late 2020-21;
- **January 2, 2021** to receive funding starting early 2021-22
- **June 2, 2021** to receive funding starting late 2021-22

**Contact:** Gay Yuyitung, Executive Director, McMaster Industry Liaison Office (MILO), at yuyitun@mcmaster.ca or extension 23164


The aviation industry needs a fuel that will cut pollution and fight climate change.

The objective of the *Green Aviation Fuels Innovation Competition* is to 1) develop the jet fuel of the future (i.e., develop new ways to produce biojet fuels, e.g., sustainable sources), and 2) fight climate change.

More specifically:

a) accelerate innovation to bring down the cost of sustainable aviation fuel and reduce greenhouse gas emissions from air transportation;
b) build on Canadian strengths (e.g., forestry, agriculture, fuel production, innovation) to develop a world-class supply chain for the production of sustainable aviation fuel;
c) support Canadian leadership in clean technology innovation and the growing global market for green fuels. Promote the use of Canadian-made sustainable aviation fuel in domestic commercial flights in Canada.


**Value:**

Four teams will receive up to $2 million each over 18 months to support their efforts to develop the best way to scale up sustainable aviation fuel in Canada, leveraging the experience gained from the first production. Applicants are encouraged to develop a consortium across the supply chain to support their efforts. The winning team will receive $5 million to commercialize their innovative fuel.

**Application process:**

The Impact Canada application deadline is **February 2019.** Additional details to follow.

**ROADS contact:**

Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581
CIHR, NSERC, SSHRC and the Canada Foundation for Innovation, Invitation for Feedback: Prioritizing Future Challenges for Canada

Canada’s three research granting agencies, the Canadian Institutes of Health Research, the Natural Sciences and Engineering Research Council of Canada, the Social Sciences and Humanities Research Council of Canada, and the Canada Foundation for Innovation, are seeking your expertise to help prioritize which future challenges identified through a recent horizon scan are considered most important for Canada.

The scan has identified 16 future challenges with the potential to shape society in profound ways, which are all multi-disciplinary and require broad collaboration to address.

The granting agencies ask that you select one top challenge, and explore its possible impacts through a brief survey. For the challenge you select, you will be asked a series of questions. You will have the option of repeating the exercise for a challenge you deem of next-most importance.

Beyond the 16 challenges identified in the horizon scan, you have the opportunity to identify additional challenges deemed critical to Canada’s future.

The granting agencies are inviting input from a variety of individuals across the academic, private, public and not-for-profit sectors, in Canada and internationally.

By taking part in their brief prioritization exercise, using the Futurescaper crowdsourcing tool, you will help to identify which challenges to consider for possible future programming and/or corporate activities. Once you have reviewed the 16 future challenges, the exercise will take you approximately 10 - 15 minutes to complete.

To begin, please follow this link: FUTURE CHALLENGES PRIORITIZATION

Results of this foresight exercise will be available by Spring 2019. Responses are anonymous and results will be aggregated to ensure anonymity.

ICLR AND MEOPAR Call for Proposal – 2018 Spring Flooding

The Institute for Catastrophic Loss Reduction (ICLR) and the Marine Environmental Observation Prediction and Response (MEOPAR) Network of Centres of Excellence invite proposals from social scientists to quickly deploy to a disaster-affected area in the aftermath of an extreme event to collect perishable data.

The objective: to support research that will learn from disaster events in order to better prevent disasters and protect communities in the future. This joint funding opportunity is being made available under the ICLR Quick Response Program (QRP) and MEOPAR’s Prompt Data Collection Program (PDC).

Value:
Applicants are required to submit a budget that cannot exceed $5,000 for a QRP application or $10,000 for a PDC application.

Application Process:
There is no fixed deadline for submitting proposals, proposals are submitted and reviewed on an ongoing basis. Notify ROADS of Intent to Apply ASAP.

ROADS Contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Weston Brain Institute, Big Ideas: Canada

The objective of the Big Ideas: Canada is to support a large-scale, pivotal project that will have a significant and sustained impact on accelerating translational research on the development of therapeutics for neurodegenerative diseases of aging.

The Institute defines neurodegenerative diseases of aging to include:

- Alzheimer’s disease
- Dementia with lewy bodies
- Frontotemporal dementia
- Multiple system atrophy
- Parkinson’s disease
- Progressive supranuclear palsy
- Vascular contributions to the above diseases (not stroke-mediated vascular disease)
- Prodromes to the above diseases, including: a) mild cognitive impairment as prodromal to Alzheimer’s disease, b) REM sleep behaviour disorder as prodromal to Parkinson’s disease.

http://westonbraininstitute.ca/funding-opportunities/big-ideas-canada/

Value:
$5,000,000 to $20,000,000 over 5 years. Applicants must identify the total cost of the project, split by year, and major category of expense.

Application Process:
The Weston Brain Institute Letter of Intent is due now. The Letter of Intent is accepted on a rolling basis.

ROADS Contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

Institute for Catastrophic Loss Reduction (ICLR): Quick Response Program

The objective of the ICLR Quick Response Program is to allow social, behavioural and economic scientists to quickly deploy to a disaster-affected area in the aftermath of a flood, extreme weather event, or earthquake to
collect perishable data. The program promotes innovation in disaster research by favoring students, new researchers, and novel areas of study.

Although all proposals will be considered, the ICLR has identified areas where it would like to see the literature developed. This list may be updated from time to time. Proposals that engage one or more of the following topics, or classes of disasters will be given extra weight:

1. Adaptation/Mitigation behaviours
2. Hazard risk communication - pre/post disaster
3. Community recovery/household recovery capacity
4. Resilience indicators
5. Damage assessments (social/environmental/economic)
6. Interagency and intergovernmental coordination
7. Perceptions of natural hazards
8. Post disaster mitigation – build back better

In addition to expanding academic knowledge, funded researchers submit brief reports that make preliminary analyses of recent events available to ICLR’s multidisciplinary network of researchers, practitioners and educators, as well as other interested parties.

https://www.iclr.org/quickresponse.html

Value:
$2,500 supports research expenses within Canada and the United States
The research expenses may include travel to the disaster-affected area(s), accommodation, research assistants, etc. A maximum $5,000 is available for an exceptional proposal.

Application process:
The ICLR will accept applications at all times.

ROADS contact:
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

Shastri Indo-Canadian Institute (SICI): Grants

The Shastri Indo-Canadian Institute is a binational organization that promotes understanding between India and Canada through academic activities and exchanges. The Institute has recently announced the following funding opportunities:

1. **Global Initiative for Academic Network (GIAN) Programme**, the objective: to tap the talent pool of scientists and entrepreneurs internationally to encourage their engagement with the Institutes/Departments of Higher Education in India to 1) augment the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence. (review Scope of GIAN, priority areas at http://www.sici.org/programmes/details/global-initiative-for-academic-network-gian-programme/)

Value:
Up to $8,000 USD for 12-14 hours of contact, and up to $12,000 for 20-28 hours of contact to cover travel and
honorarium. Local hospitality will be arranged by the host institution. The duration (number of weeks/days) can be mutually decided by the host institution and the visiting faculty. The funding for the courses by the Institutes shall be partially supported through various schemes.

**Application Process:** Applications can be submitted *throughout the year*.

2. *Shastri Faculty-In-Residence Programme (FIR)/Global Initiative for Academic Network (GIAN)*, the objective: for Canadian faculty members, scientists, and entrepreneurs to take up engagements at Indian institutions. This Programme is projected to tap the talent pool of Canadian faculty and to 1) encourage them to connect with the institutes of Higher Education in India to boost the country’s existing academic resources, 2) accelerate the pace of quality reform, and 3) elevate India’s scientific and technological capacity to global excellence.


**Value:**
$8,000 – $12,000 USD for 1 or 2 weeks

**Application Process:**
Applications can be submitted *throughout the year*.

3. *SICI Membership Development Fund (SMDF) 2017-18*, the objective: to publicize and promote SICI mandates, as well as programs and grants offered by SICI Canada and India offices, to its Canadian Members Council Institutions to 1) enable faculty, student and staff of his /her institution to apply, and 2) receive the benefits of being active members of the SICI.


**Value:**
Each Canadian member institution will receive up to $500 CND.

**Application Process:**
Applications can be submitted *throughout the year*.

**ROADS Contact:**
Leanna Fong, Senior Advisor, at fongl@mcmaster.ca or extension 21583

**Weston Brain Institute, Early Phase Clinical Trials: Canada**

The objective of the *Early Phase Clinical Trials* program is to provide significant support for 1) translational research to accelerate the development of therapeutics for neurodegenerative diseases of aging, and 2) clinical trials and/or clinical trial sub-studies that have excellent preliminary data.

All projects must involve the development of a therapeutic and/or a tool.

Value:
maximum $1,500,000 per project over a maximum 4 years

Application Process:
The Weston Brain Institute letter of intent is accepted on a rolling basis.

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Canadian Institute for Advanced Research (CIFAR), Call for Proposals: International & Interdisciplinary Research Workshops – Open Call

The objective of the International & Interdisciplinary Research Workshops is to explore key questions of global importance that can best be addressed through interdisciplinary, international teams. CIFAR invites the global research community to submit proposals for workshops that are centered on complex, fundamental, critical questions that have the potential to impact multiple sectors of society internationally.

The Open Call is now accepting workshop proposals from any field of humanities, engineering, social, natural, or biomedical sciences. Topics that are timely in the context of world events, high-risk, or which have strong potential for advancement or refinement through a collaborative and interdisciplinary approach, are encouraged. At least one researcher must be based in Canada. Other participants are expected to be geographically diverse.

https://www.cifar.ca/assets/researchworkshops/

Value:
CIFAR will provide up to $50,000 to support short-term, time-limited interactions between 10-20 participants.

Application Process:
The CIFAR will accept applications on a rolling basis.

ROADS Contact:
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

Simons Foundation, Mathematics and Physical Sciences Division: Targeted Grants in Mathematics and Physical Sciences

The objective of the (new) Targeted Grants in Mathematics and Physical Sciences program is to support high-risk projects of exceptional promise and scientific importance in mathematics, theoretical physics and theoretical computer science.

https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/

Value:
There is no recommended funding limit. Expenses for experiments, equipment, computations, personnel and
travel are allowable. The grant provides funding for up to 5 years.

**Application Process:**
Letters of Intent are considered on a *rolling basis* with a response time within 2 months.

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**McMaster Institute for Research on Aging - MIRA AND LCMA Matching Funds for Research Opportunities**

In order to improve the positioning of McMaster’s researchers in external funding competitions, MIRA and the Labarge Centre for Mobility in Aging (LCMA) have allocated funding that could be used to match or leverage external funds. The process for requesting these funds can be found by following the link below. This process is intended to be used for requests related to externally funded, peer-reviewed grant competitions that require a matching component.


**Value:**
Matching funds up to $100,000

**Application Process:**
Submissions to MIRA should be sent to MIRAinfo@mcmaster.ca at least one month before the grant submission is due.

**ROADS Contact:**
Virginia Viscardi, Senior Advisor, at viscarvl@mcmaster.ca or extension 24519

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**Wabash Center: Project Grants**

The objective of the *Project Grant* is to support activities that enhance teaching and learning in the fields of religion and theology. Project grants support projects that either:

- improve teaching and learning practices
- encourage research and study of pedagogical issues
- nurture supportive teaching environments.

The following is available:

*Small Project Grants* (review [https://www.wabashcenter.wabash.edu/wabash-grants/small-project-grants/](https://www.wabashcenter.wabash.edu/wabash-grants/small-project-grants/))

*Large Project Grants* (review [https://www.wabashcenter.wabash.edu/wabash-grants/project-grants/](https://www.wabashcenter.wabash.edu/wabash-grants/project-grants/))
Value:
*Small Project Grants*: up to $5,000
*Large Project Grants*: up to $30,000

Application Process:
The Wabash Centre application deadline for Small Project Grants is *any time* during the year. The deadline for Large Project Grants is **February 15, 2019**.

ROADS Contact:
Christina Pellegrini, Senior Advisor, at pellegrc@mcmaster.ca or extension 27207

**Natural Sciences and Engineering Research Council of Canada (NSERC): NSERC Committee Membership**

The Research Office for Administration, Development & Support (ROADS) encourages you to consider joining NSERC Committees. Being a Committee Member is a valuable experience that demonstrates your involvement in the community and peer evaluation process, and highlights your expertise in your field.

NSERC invites the Canadian research community (i.e., universities, scientific societies, governments and companies) to submit the names of individuals for possible service on its program-related standing committees, and its various selection committees and panels.

Nominees should be individuals who:

a) are known and respected for their capabilities;
b) know and understand Canadian university-based research;
c) display both breadth and depth of understanding and knowledge in their field and beyond;
d) exercise good judgement; and
e) are able to recognize value to Canada as a whole.


ROADS contact:
Nathan Coschi, Senior Advisor, at coschimn@mcmaster.ca or extension 21581